

TABLE 3 TO SUBPART FFF OF PART 62—MUNICIPAL WASTE COMBUSTOR OPERATING REQUIREMENTS

Municipal waste combustor technology	Carbon monoxide emissions level (parts per million by volume) ^a	Averaging time (hrs) ^b
Mass burn waterwall	100	4
Mass burn refractory	100	4
Mass burn rotary refractory	100	24
Mass burn rotary waterwall	250	24
Modular starved air	50	4
Modular excess air	50	4
Refuse-derived fuel stoker	200	24
Fluidized bed, mixed fuel (wood/refuse-derived fuel)	200	^c 24
Bubbling fluidized bed combustor	100	4
Circulating fluidized bed combustor	100	4
Pulverized coal/refuse-derived fuel mixed fuel-fired combustor	150	4
Spreader stoker coal/refuse-derived fuel mixed fuel-fired combustor	200	24

^a Measured at the combustor outlet in conjunction with a measurement of oxygen concentration, corrected to 7 percent oxygen, dry basis. Calculated as an arithmetic average.

^b Averaging times are 4-hour or 24-hour block averages.

^c 24-hour block average, geometric mean.

[69 FR 42121, July 14, 2004]

TABLE 4 TO SUBPART FFF OF PART 62—GENERIC COMPLIANCE SCHEDULE AND INCREMENTS OF PROGRESS (PRE-1987 MWCs)^{A B}

Affected facilities	Increment 1 Submit final control plan	Increment 2 Award contracts	Increment 3 Begin on-site construction	Increment 4 Complete on-site construction	Increment 5 Final compliance
Affected facilities that commenced construction, modification, or reconstruction on or before June 26, 1987 (All pollutants).	January 11, 1999	05/18/99	11/16/99	11/19/00	12/19/00

^a Table 4 or 5 of this subpart applies to MWC units subject to the Federal plan except those with site-specific compliance schedules shown in Table 6 of this subpart.

^b As an alternative to this schedule, the owner or operator may close the affected facility by December 19, 2000, complete the retrofit while the affected facility is closed, and achieve final compliance upon restarting. See §§ 62.14108(c), 62.14108(d), and 62.14109(i) of this subpart.

TABLE 5 TO SUBPART FFF OF PART 62—GENERIC COMPLIANCE SCHEDULES AND INCREMENTS OF PROGRESS

[Post-1987 MWCs]^{a b}

Affected facilities	Increment 1 Submit final control plan	Increment 2 Award contracts	Increment 3 Begin on-site construction	Increment 4 Complete on-site construction	Increment 5 Final compliance
Affected facilities that commenced construction modification, or reconstruction after June 26, 1987:					
1. Emission limits for Hg, dioxin/furan	NA ^c	NA ^c	NA ^c	NA ^c	11/12/99 or 1 year after permit issuance ^{d,e}
2. Emission limits for SO ₂ , HCl, PM, Pb, Cd, opacity CO, NO _x .	January 11, 1999.	05/18/99	11/16/99	11/19/00	12/19/00.

^a Table 4 or 5 of this subpart applies to MWC units subject to the Federal plan except those with site-specific compliance schedules shown in table 6 of this subpart.

^b As an alternative to this schedule, the unit may close by December 19, 2000, complete retrofit while closed, and achieve final compliance upon restarting. See §§ 62.14108(c), 62.14108(d), and 62.14109(i) of this subpart.

^c Because final compliance is achieved in 1 year, no increments of progress are required.

Environmental Protection Agency

§ 62.14350

^aPermit issuance is issuance of a revised construction permit or revised operating permit, if a permit modification is required to retrofit controls.

^cFinal compliance must be achieved no later than December 19, 2000, even if the date "1 year after permit issuance" exceeds December 19, 2000.

[63 FR 63202, Nov. 12, 1998, as amended at 65 FR 33468, May 24, 2000]

TABLE 6 TO SUBPART FFF OF PART 62—SITE-SPECIFIC COMPLIANCE SCHEDULES AND INCREMENTS OF PROGRESS ^A

Affected facilities at the following MWC sites	City, State	Increment 1 Submit final control plan	Increment 2 Award contracts	Increment 3 Begin on-site construction	Increment 4 Complete on-site construction	Increment 5 Final compliance ^c
Stanislaus Resource Recovery Facility.	Crows Landing, California.	January 11, 1999.	01/19/00	05/19/00	11/19/00	12/19/00
Southeast Resource Recovery Facility.	Long Beach, California.	January 11, 1999.	04/30/99	10/31/99	04/30/00	12/19/00
All large MWC units	Maine	January 11, 1999.	01/01/99	07/01/99	09/01/00	12/19/00
Baltimore Resco	Baltimore, Maryland	January 11, 1999.	January 11, 1999.	January 11, 1999.	09/01/00	12/19/00
All large MWC units	New Jersey ^b	January 11, 1999.	05/18/99	11/14/99	11/19/00	12/19/00
American Ref-Fuel ..	Delaware County, Pennsylvania.	11/01/98	05/18/99	11/14/99	11/19/00	12/19/00
Montenay Energy Resource.	Montgomery County, Pennsylvania.	11/01/98	05/18/99	11/14/99	11/19/00	12/19/00
I-95 Energy/Resource Recovery Facility.	Lorton, Virginia	January 11, 1999.	10/15/99	03/01/00	11/19/00	12/19/00
New Hanover County, Unit 3A.	Wilmington, North Carolina.	09/15/99	03/01/00	07/01/00	11/19/00	12/19/00

^aThese schedules have been reviewed and determined to be acceptable by EPA.

^bThis schedule applies to HC1 SO₂, PM, Pb, Cd, CO, and NO_x. However, owners and operators of large MWC units in New Jersey have the option of reserving the portion of their control plan that addresses NO_x. Owners and operators must submit the reserved portion to EPA by December 15, 1999.

^cThe owner or operator of an affected facility that began construction, modification, or reconstruction after June 26, 1987 must achieve final compliance with the mercury and dioxins/furans limits within 1 year after promulgation of subpart FFF (i.e., by 11/12/99) or 1 year after permit issuance. Permit issuance is issuance of a revised construction permit or revised operating permit if a permit modification is required to retrofit controls. Final compliance must be achieved no later than December 19, 2000, even if the date "1 year after permit issuance" exceeds December 19, 2000.

[63 FR 63202, Nov. 12, 1998; 64 FR 17219, Apr. 8, 1999, as amended at 65 FR 33469, May 24, 2000]

Subpart GGG—Federal Plan Requirements for Municipal Solid Waste Landfills That Commenced Construction Prior to May 30, 1991 and Have Not Been Modified or Reconstructed Since May 30, 1991

SOURCE: 64 FR 60703, Nov. 8, 1999, unless otherwise noted.

§ 62.14350 Scope and delegation of authority.

(a) This subpart contains emission requirements and compliance schedules for the control of designated pollutants from certain municipal solid waste landfills in accordance with section 111(d) of the Clean Air Act and 40 CFR part 60, subpart B. This municipal solid waste landfills Federal plan applies to

each designated facility as defined in § 62.14352 of this subpart that is not covered by an EPA approved and currently effective State or Tribal plan.

(b) The following authorities shall be retained by the Administrator and not transferred to the State or Tribe upon delegation of authority to the State or Tribe to implement and enforce the Federal plan pursuant to sections 101(a)(3) and 111 of the Clean Air Act:

(1) Approval of alternative methods to determine site-specific NMOC concentration (C_{NMOC}) or site-specific methane generation rate constant (k) used in calculating the annual NMOC emission rate (as provided in 40 CFR 60.754(a)(5) of subpart WWW),

(2) Alternative emission standards,